$$\mathfrak{P}(X) = \mathbb{P}(X) \rightarrow \mathbb{P}(X) = \mathbb{P}(X) = \mathbb{P}(X)$$

$$\Rightarrow 3'(x) = \frac{3\sqrt{x}}{4} \Rightarrow (x) x \in (0^7 + \infty)$$

$$|\vec{J}_1(\bar{x})| = \left|\frac{\sqrt{x}}{1}\right| = \frac{5/x}{1} \leqslant \frac{5}{7}, (4) \approx (17+26)$$

$$\mathcal{Y}_{1}(x) = -\frac{x_{2}}{1} \cdot (x) \approx (1,2)$$

$$|\hat{J}|(\bar{x})| = \left|-\frac{x^2}{4}\right| = \frac{1}{4} \leq 1, (4) \; \bar{x} \in [1, 2)$$

if
$$0=(\frac{1}{m}-\frac{1}{m})=2im$$
 $(\frac{1}{m}-\frac{1}{2m})=0$ is $m=1$

Sim
$$(2(2m)-2(2m))=2im$$
 $(\frac{1}{m}-\frac{1}{2m})$
 $m\rightarrow +\infty$ $(\frac{1}{m})=2im$ $(\frac{1}{m}-\frac{1}{2m})$

$$\lim_{m \to +\infty} (m-2m) = \lim_{m \to +\infty} (-m) = -\infty \neq 0$$

$$\mathfrak{P}'(\mathfrak{X}) = \frac{1}{\mathfrak{X}} \mathfrak{I}(\mathfrak{Y}) \mathfrak{X} \in (\mathfrak{A}_{1} + \mathfrak{B}_{2})$$

$$\frac{1}{2} < \frac{1}{2}, \forall \lambda \in (\alpha, +\infty) = 1$$

.0<0 'so motion o. se ste f 'so monupusor

Presyment prin Drused ca a to. Deci a <0.

Cum a >0, restettà cà a=0.

is fully (A)
$$= \frac{1}{m} = m \approx c$$
 ($(4+co) > m(m \approx c)$ melly in $(4m)m < (co + co) > m(m \approx c)$

Twom
$$2im$$
 $(2m-7m)=2im$ $(1-\frac{1}{2m})=0$ $2m$ $m\rightarrow +\infty$ $m\rightarrow +\infty$

3. The
$$g: (0, \frac{2}{m}] \rightarrow \mathbb{R}, g(x) = \lim_{x \to \infty} \frac{1}{x}$$
. This training is a second second

Presymmem prin Desert
$$CD = \{1, 2, 3, 4\}$$
 $CD = \{1, 2, 3, 4\}$ $CD = \{1, 2, 3, 4\}$ $CD = \{1, 2, 3, 4\}$

$$\mathcal{A} = (\mathcal{X})^{2} = (\mathcal{X})^{2} = 0$$
 with $\mathcal{A} = 0$ with $\mathcal{$

Rov., Rim
$$G(X) = Sim G(X) = Sim sim $\frac{1}{X}$
 $X \to 0$ $X \to$$$

$$\frac{3}{2} | \cos \frac{\pi}{2} = 3$$

Deci, Sim Sim
$$\frac{1}{x} = \frac{9}{3}(0) \in \mathbb{R}$$

Sim
$$Y = 0$$
 (2) $Y = mN^2$ (8) mEN
Sim $Y = 1$ (2) $Y = 2mN^2 + \frac{\pi}{2}$ (8) mEN
Theger $x_m = \frac{1}{mN^2}$, (8) mEN* y_i $y_m = \frac{1}{2mN^2 + \frac{\pi}{2}}$, (8) mEN*
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$$\sum_{x \in [0, +\infty)} \left(|\chi_{m}(x) - \chi_{m}(x)| \right) = \sum_{x \in [0, +\infty)} \left(|\chi_{m}(x) - \chi_{m}(x)| \right) = \sum_{x \in [0, +\infty)} \frac{x}{x + m} = \sum_$$

$$\mathcal{F}_{m}: [2,3] \to \mathbb{R}, \ \mathcal{F}_{m}(x) = \frac{x}{x+m}, \ \mathcal{F}_{m}(x)$$

%2.: C.A.

Sim
$$2m(x) = 2im$$
 $\frac{x}{x+m} = 0 = i$ $2m + i$ sunde $m+1$ $m+1$ $m+2$ $m+4$ $m+4$

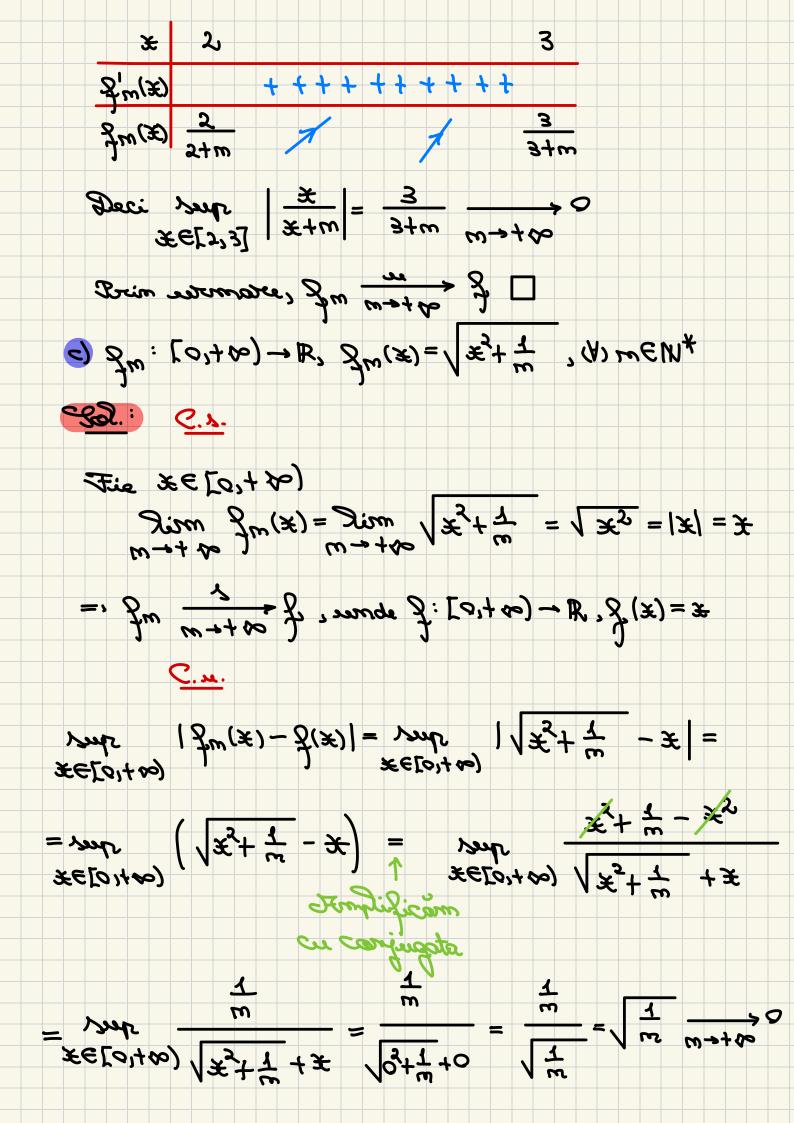
C.M.

$$\mathcal{Z} \in [x^3]$$
 $\mathcal{Z}^{m}(x) - \mathcal{Z}(x) = |x^{m}| \frac{x+m}{x} - 0| = |x^{m}|$

$$= \gamma n \frac{\cancel{x} + m}{\cancel{x}}$$

$$\mathcal{Z}_{m}^{\mu}(\mathcal{Z}) = \frac{(\mathcal{Z} + m)^{2}}{\mathcal{Z} + m^{2}} = \frac{(\mathcal{Z} + m)^{2}}{m^{2}} > 0, (\mathcal{Z}) = \frac{\mathcal{Z} + m}{m^{2}}$$

$$\mathcal{Z}_{m}^{\mu}(\mathcal{Z}) = \frac{\mathcal{Z} + m^{2}}{\mathcal{Z} + m^{2}} = \frac{\mathcal{Z} + m}{m^{2}} > 0, (\mathcal{Z}) = \frac{\mathcal{Z} + m}{m^{2}} > 0, (\mathcal{Z}) = \frac{\mathcal{Z} + m}{m^{2}}$$



= 2
$$\frac{1}{2}m \frac{1}{m-4+0}$$
 $\frac{1}{2}$ $\frac{1}{2}$ $\frac{1}{2}m \cdot \frac{1}{2} \cdot \frac{1}{2}m \cdot \frac{1}{2} \cdot \frac{1}{2}m \cdot \frac{1}{2} \cdot \frac{1}{2}m \cdot \frac{1}{2} \cdot \frac{1}{2}m \cdot$

$$\frac{3}{3} = 2im$$

$$\frac{3}{3} = 1$$

$$39. \quad C.y.$$

$$29. \quad C.y.$$

$$39. \quad C.y.$$

$$4m(x) = x^{n}, (x) = x^{n}$$

$$\lim_{m \to +\infty} 2_m(x) = \lim_{m \to +\infty} x^m = \begin{cases} 0, & x \in (0,1) \\ 1, & x = 1 \end{cases}$$

=1
$$f_{m} \xrightarrow{\omega \to +\infty} f$$
, range $f:(0,1] \to \mathbb{R}, f(x) = \begin{cases} T' x = T \end{cases}$

<u>C. M.</u>